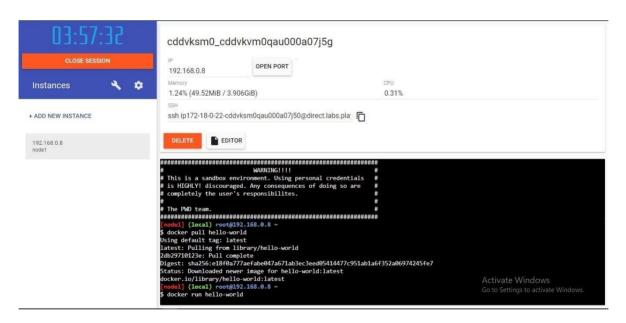
# Assignment - 4

Assignment Date	27 October 2022
Student Name	SANJAI M
Student Roll Number	962219205034
Maximum Marks	2 Marks

### Question 1:

Pull an image from docker hub and run it in docker playground.





### Question 2:

Create a docker file for the job portal application and deploy it in Docker desktopapplication.

#### **DOCKER FILE:**

```
### ROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

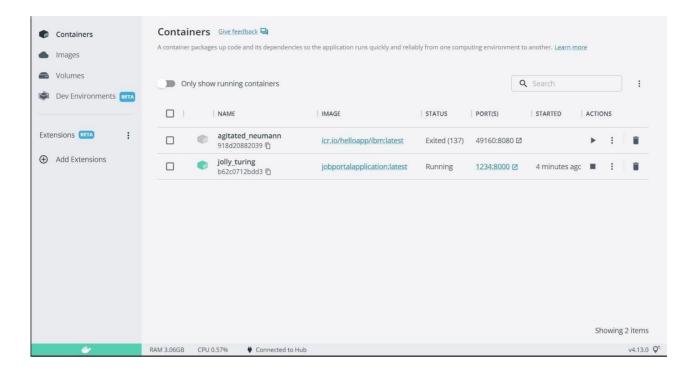
RUN cp .env.dev.sample .env

EXPOSE 8000

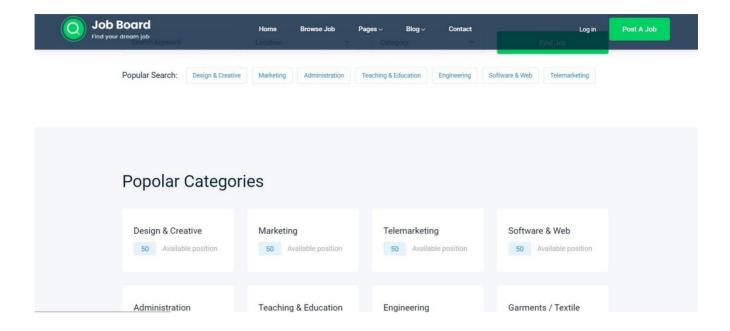
RUN chmod +x entrypoint.sh

CMD ["sh", "entrypoint.sh"]
```

### **DEPLOYMENT OF JOBPORTAL APPLICATION:**



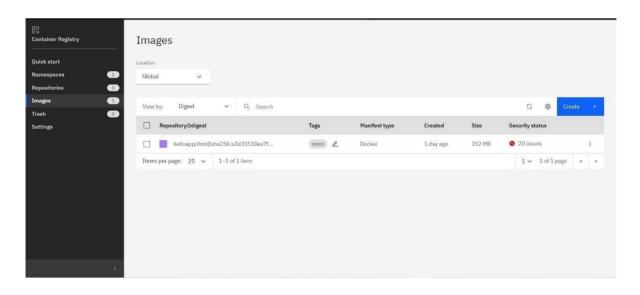
#### **OUTPUT:**



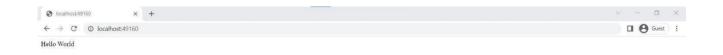
# **Question 3:**

Create a IBM container registry and deploy hello-world app or job port app.IBM

### **CONTAINER REGISTRY DEPLOYMENT:**



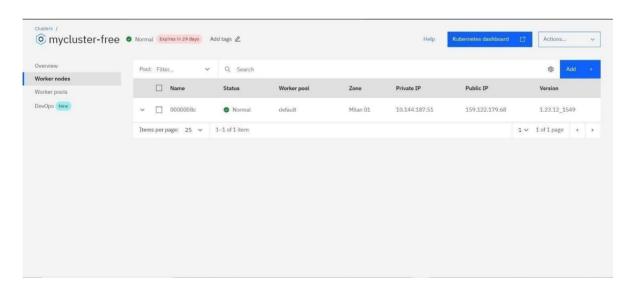
### **OUTPUT:**



# **Question 4:**

Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image and also expose the same app to run in node port.

# Creating Kubernetes cluster in IBM cloud and exposing node port:



### **Output:**

